

LSU AgCenter Office of Intellectual Property

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Video System for Sugarcane Planting

Inventor: Dr. Randy Price



Description

Our LSU AgCenter scientists have developed a video system that combines an RGB camera and advanced algorithms to revolutionize sugarcane cultivation management. Unlike anything else on the market, our system accurately detects the quantity of sugarcane planted in furrows before covering. With this invaluable data, you can estimate yields with unprecedented precision, optimize resource allocation, and track production levels effortlessly. Make informed decisions about crop rotation, fertilization, and irrigation, resulting in optimized yields and increased profitability. This solution will help transform your approach to sugarcane cultivation and unlock a new level of efficiency and profitability.



Advantages:

- Accurate detection of sugarcane quantity
- Yield estimation
- Efficiency and productivity

Commercial Uses:

- Sugarcane farmers
- Agricultural crop consultants
- Agricultural technology companies



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